

ORIGINAL

T05-0059

**STATE OF ILLINOIS**  
**ILLINOIS COMMERCE COMMISSION**  
**STIPULATED AGREEMENT NO. 1028**

This agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("COMMISSION"), the Union Pacific Railroad Company ("COMPANY"), the Village of Roxana ("VILLAGE"), and the State of Illinois, Department of Transportation ("DEPARTMENT").

**WITNESSETH:**

WHEREAS, it has come to the attention of the Commission through formal correspondence that inquiry should be made into the matter of improving public safety at the Wagon Wheel Road highway-rail grade crossing of the Company's track in the Village of Roxana, in Madison County, Illinois, designated as crossing AAR/DOT 542 249P, milepost 271.78 STL.; and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and other pertinent data relating to the crossing have been obtained and shown on Exhibit A, attached to the Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish the proposed improvements upon a determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund of the Motor Fuel Tax Law be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

Section 1                      All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and Orders and procedures in general.

Section 2                      The parties are of the opinion that the proper improvements in the interest of public safety at the aforesaid crossing should be:

- (a)      Installation of automatic flashing light signals and gates with a bell, controlled by constant warning time circuitry, and a new signal cabinet (event recorder and a remote monitoring system installed on October 17, 2001.)

DOCKETED

- (b) Installation of a 56-foot concrete crossing surface.
- (c) The widening and improvement of the existing 21-foot wide oil and chip roadway to a new 24-foot wide concrete road with 6-foot shoulders for a distance of 1.5 miles.
- (d) The installation of temporary stop signs (**if ordered**) at the Wagon Wheel Road crossing within 30 days of the receipt of a Commission Order for the installation of new automatic warning devices.

Section 3 The Company and Village have prepared preliminary estimates of cost to accomplish the proposed safety improvements, which they may be required to perform. Execution of the Agreement by the Department will be considered as its acceptance and approval of all drawings, circuit plans and required specifications, attached hereto as Exhibits (B-1) and (B-2).

The Company shall upon Order, according to the requirements contained therein, prepare and submit detailed copies of drawings, detailed circuit plans, and any required specifications for the proposed improvements for the approval of the Commission and the Department. The Company agrees that an appropriate time for the submission of plans should be six (6) months from the date of a Commission Order subsequent to this Agreement.

The Department shall notify the Commission within five (5) days after it has received the detailed drawings and circuit plans, and any required specifications for the proposed improvements from the Company. The Department shall also provide written notice to the Commission within five (5) days after it has approved the detailed drawings, detailed circuit plans, and any required specifications for the proposed improvements.

The Village has prepared a preliminary estimate of cost to accomplish the proposed roadway improvements which it may be required to perform. Execution of the Agreement by the Department will be considered as its acceptance and approval of all drawings, circuit plans and required specifications, attached hereto as Exhibit C.

Section 4 The Company and Village shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed improvements, accomplishing the work with their own forces or appropriate contracted services and agree that an appropriate time for the completion of the proposed improvements should be twelve (12) months from the date of a Commission Order subsequent to this Agreement.

Section 5 The parties agree that an equitable division of cost for the proposed improvements should be as follows:

### DIVISION OF COST

<b>Improvement</b>	<b>Estimated Cost</b>	<b>GCPF</b>	<b>COMPANY</b>	<b>VILLAGE</b>
Install AFLS and Gates, with CWT Circuitry	\$180,646	90% 162,581 <sup>1</sup>	10% 18,065 <sup>2</sup>	--
Install Crossing Surface	\$71,069	--	--	100% \$71,069 <sup>2</sup>
Roadway Improvements	\$1,272,847	--	--	100% \$1,272,847 <sup>3</sup>
Install Temp. STOP Signs	No Estimate	--	100% <sup>2</sup>	--
<b>TOTALS</b>	<b>1,524,562</b>	<b>\$162,581</b>	<b>\$18,065</b>	<b>\$1,343,916</b>

**Notes:**

<sup>1</sup> Total GCPF participation shall not exceed \$162,581; any costs above the estimated amount relating to the installation of the automatic warning devices shall be divided between the GCPF and the Company in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission.

<sup>2</sup> COMPANY participation shall not exceed \$18,065; the COMPANY should pay all future operating and maintenance costs related to the new automatic warning devices, all costs for future maintenance of the concrete crossing surface, and all costs to post and maintain the temporary STOP signs, if ordered.

<sup>3</sup> the VILLAGE should pay all future maintenance costs of the new roadway.

**Section 6** The VILLAGE is financially able and willing to bear an equitable portion of the cost for the proposed improvements as may be assigned by the Order and indicates this intent by Resolution attached as Exhibit D.

**Section 7** Special Provisions: Since the roadway improvement at the subject crossing will be performed by the VILLAGE or its contractor, flagging or contractor liability insurance will be required for said work.

The Company and the Village shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibits E-1 and E-2, along with this executed Agreement.

The Company and the Village shall, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibits E-1 and E-2, respectively, regarding the progress each party has made toward completion of the work required by this Agreement. Each Project Status Report shall include the Commission Order's docket number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name, title, mailing address, phone number, facsimile number, and electronic mailing address of the Company and the Village Project Manager. Each Project Status Report shall be served on all parties to this Agreement. Service may

be made by electronic mail, FAX, or standard mail.

All bills for expenditures authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit of the Illinois Department of Transportation's Bureau of Local Roads and Streets, Illinois Department of Transportation, Central Bureau of Local Roads and Streets, Room 205, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The DEPARTMENT shall send a copy of all bills to the Director of Processing and Information, Transportation Division of the COMMISSION. The final bill for expenditures from each party shall be clearly marked "Final Bill". All bills shall be submitted no later than twenty-four (24) months from the date of COMMISSION Order subsequent to this Agreement. The DEPARTMENT shall, at the end of the 24<sup>th</sup> month from the COMMISSION Order date, de-obligate all residual funds accountable for installation cost for this project.

Public Act 93-0604, effective 21, 2003, amends 18c-7401 (Safety Requirements for Track, Facilities, and Equipment) of the Illinois Commercial Transportation Law to include the following language: If the COMMISSION has ordered the installation of luminous flashing signal or crossing gate devices at a grade crossing, the COMMISSION shall order the installation of temporary STOP signs at the highway intersection with the grade crossing. The temporary STOP signs shall remain in place until the luminous flashing light signal or crossing gate devices have been installed. The rail carrier is responsible for the cost of the installation and subsequent maintenance of any required temporary STOP signs. (625 ILCS 5/18c 7401)

The COMPANY shall furnish a written statement with the Director of Processing and Information, of the COMMISSION'S Transportation Bureau, indicating that the temporary STOP signs have been installed at the subject crossings, if ordered.

Section 7 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the COMMISSION shall enter an appropriate order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated herein.

Executed by the Commission this 25<sup>th</sup> day of April, 2005.



Michael E. Stead  
Rail Safety Program Administrator

Attest:



Robert S. Berry  
Railroad Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 1028 concerning improvements at the Wagon Wheel Road highway-rail grade crossing of the Union Pacific Railroad Company's track in the Village of Roxanna, Madison County, Illinois, designated as crossing AAR/DOT 542 249P, milepost 271.78 STL.

Executed by the Village of Roxanna this 3rd day of May 2005.

VILLAGE OF ROXANNA

By: 

Attest:



Illinois Commerce Commission Stipulated Agreement No. 1028 concerning improvements at the Wagon Wheel Road highway-rail grade crossing of the Union Pacific Railroad Company's track in the Village of Roxanna, Madison County, Illinois, designated as crossing AAR/DOT 542 249P, milepost 271.78 STL.

Executed by the Department this 10<sup>th</sup> day of May 2005.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

By: Victor A. Moderey  
Director of Highways

Illinois Commerce Commission Stipulated Agreement No. 1028 concerning improvements at the Wagon Wheel Road highway-rail grade crossing of the Union Pacific Railroad Company's track in the Village of Roxanna, Madison County, Illinois, designated as crossing AAR/DOT 542 249P, milepost 271.78 STL.

Executed by the Company this 25 day of Oct 20045

UNION PACIFIC RAILROAD COMPANY

By: Thomas J. Gee  
AVP ENGINEERING

Attest:

C.W. Taylor

Approved as to Form  
By P. Howell



**ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT  
CROSSING DATA FORM**

**GENERAL INFORMATION:** See Location sketch (Page 3) for additional information

<b>RAILROAD</b>	Union Pacific Railroad Company
<b>USDOT#, MILEPOST</b>	542 249P, milepost 271.78STL
<b>STREET, CITY, COUNTY</b>	Wagon Wheel Road, Village of Roxana, Madison County
<b>JURISDICTION (RDWY)</b>	Village of Roxana
<b>LOCATION</b>	Urban/, Residential
<b>STREET SURFACE</b>	Oil & Chip, 21 feet, Good

**CROSSING DATA:** See Location Sketch (Page 3) for roadway profile and track centers

<b>TRACK</b>	<b>SURFACE TYPE</b>	<b>SURFACE WIDTH</b>	<b>SURFACE CONDITION</b>
East-west	Timber	32 feet	Poor

**ROADWAY DATA:** See Location Sketch (Page 3)

<b>INTERSECTING ROADS:</b>	NONE
<b>TRAFFIC CONTROL</b>	NONE
<b>ADT &amp; SPEED</b>	700 @ 35 MPH (4% Trucks)
<b>TRAFFIC TYPE</b>	Passenger, School Busses, Hazardous Materials, Other
<b>ADVANCE WARNING</b>	Yes
<b>PAVEMENT MARKING</b>	No

**RAILROAD DATA:** See Location Sketch (Page 3)

<b>FREIGHT TRAFFIC</b>	14 @ 40 MPH, 0-Switch Movements, Day & Night-Yes
<b>PASSENGER TRAFFIC</b>	0 Per day
<b>WARNING DEVICES</b>	Automatic flashing light signals

**NOTES:** The roadway work will consist of reconstructing the roadway surface from an 21 foot oil and chip surface to a 24-foot concrete surface with 6' shoulders. The crossing is at a 60° angle resulting in the need for a 56-foot concrete crossing surface. (A concrete crossing surface is the COMPANY'S standard crossing surface.)

**VISIBILITY STUDY:** See Location Sketch (Page 3)

<b>Train Speed</b>		<b>40 MPH</b>
<b>Roadway Speed</b>		<b>35 MPH</b>
<b>Required Stopping Sight Distance (SSD)</b>	<b>274' @ 398.5'*</b>	
<b>Along Roadway</b>		<b>274+ FEET</b>
<b>Along Tracks</b>		<b>398.5+ FEET</b>
<b>Required Clearing Sight Distance (CSD) (Along Tracks)</b>	<b>961 feet required</b>	<b>961+ FEET</b>

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 1984.

\* The required stopping sight distance is based upon the maximum train and vehicular speed. In this instance, a motorist 274 feet from the crossing should be able to see an train approaching the crossing 398.5 feet each direction from the crossing.

<b>QUADRANT</b>	<b>CSD (FT)</b>	<b>OBSTRUCTION</b>	<b>SSD (FT)</b>	<b>OBSTRUCTION</b>
<b>NE</b>		See Location Sketch (Page 3)		See Location Sketch
<b>NW</b>		See Location Sketch (Page 3)		See Location Sketch
<b>SE</b>		See Location Sketch (Page 3)		See Location Sketch
<b>SW</b>		See Location Sketch (Page 3)		See Location Sketch

**APPROACH GRADES:** See Location Sketch (Page 3)

<b>DIRECTION: EAST</b>			<b>DIRECTION: WEST</b>		
<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>	<b>DISTANCE (FT)</b>	<b>ELEVATION (FT)</b>	<b>GRADE (%)</b>
25'	100.1	0.4%	25'	99.3	2.8%
50'	100.5	1%	50'	98.4	2.8%

Distance measured from outermost rail.

**COMMENTS:** The roadway project includes work that will bring the west highway approach to the crossing into compliance with Commission regulations.

See Page Three for a Location Sketch (Aerial Photo) of the crossing.

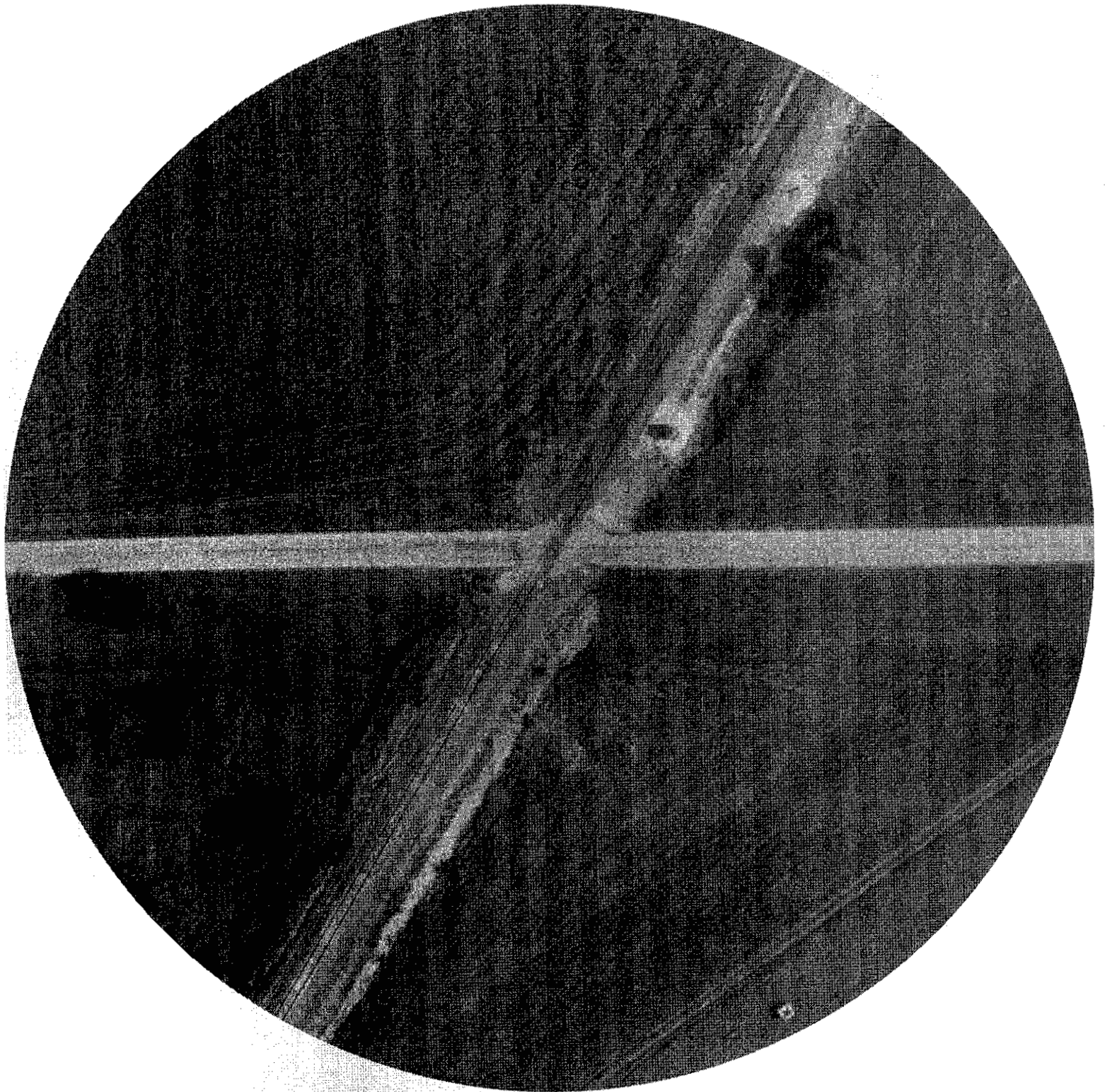


Exhibit A, page 3

DATE: 2004-09-13

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK  
BY THE  
UNION PACIFIC RAILROAD

DESCRIPTION OF WORK:  
INSTALL LED PL SIGNALS W/GATES, CMT CIRCUITRY, AND NEW CABIN AT WAGON  
WHEEL ROAD IN ROKAMA, IL. M.P. 271.78 ON THE PANA SUB.  
SIGNAL PROJECT MANAGER: BOY JAMES 245-2032  
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:  
SIGNAL - STATE OF ILLINOIS 90% - UPRR 10%

PID: 45804 AWO: 42711 MP.SUBDIV: 271.78, PANA  
SERVICE UNIT: 04 CITY: ROKAMA STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
-----							
ENGINEERING WORK							
ENGINEERING			2299		2069	230	2299
LABOR ADDITIVE 177.68%			11574		10416	1258	11574
SIG-WHY ING			4215		3793	422	4215
-----							
TOTAL ENGINEERING			18088		16278	1810	18088
SIGNAL WORK							
BILL PREP		900			810	90	900
CONTRACT				5479	4931	548	5479
EARTH FILL/ROCK				2000	1800	200	2000
FOREIGN LINE FREIGHT				1096	986	110	1096
LABOR ADDITIVE 177.68%		43026			38723	4303	43026
MATL STORE EXPENSE				2740	2466	274	2740
PERSONAL EXPENSES				18667	16900	1867	18667
SALES TAX				3424	3082	342	3424
SIGNAL			24215	54799	71222	7902	79014
TRANSPORTATION CHARGES				1212	1090	122	1212
WZ TRAFFIC CONTROL				5000	4500	500	5000
-----							
TOTAL SIGNAL			68141	94417	146300	16258	162558
-----							
LABOR/MATERIAL EXPENSE			86229	94417	-----		
RECOLLECTIBLE/UPRR EXPENSE					162578	18068	-----
ESTIMATED PROJECT COST							180646
EXISTING REUSABLE MATERIAL CREDIT					0		
SALVAGE NONREUSABLE MATERIAL CREDIT					0		
-----							

RECOLLECTIBLE LESS CREDITS

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PAGE 04 MORE

RAILROAD: UPRR CO.  
LOCATION: ROCKAW, IL, WAGON WHEEL RD, PAMA  
DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 45804  
A.W.O. NO: 42711  
N.O. NO:  
B.I. NO: 03EN10  
STATE: IL  
VAL SEC: 1121N

----- STOCK MATERIAL PLAN -----

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UN	DIRECT MATERIAL \$
02040420	BATTERY, GNB, 75A9 OR 50A13	172.80	6	EA	1037
02040460	BATTERY, GNB, 75A23 OR 50A27	305.03	7	EA	2135
09011240	CABLE TIE, NYLON 1 1/8" MAX. DIA	0.02	200	EA	4
09011980	CABLE TIE, NYLON 1 1/2" MAX. DIA	0.14	20	EA	3
09014990	CIRCUIT BREAK, 120/240V 20A 2 POLE	14.67	1	EA	15
09054300	RELAY, TAB 869 KRP110W12V, SW.NTR.	6.03	1	EA	6
09054360	RELAY, GEB, PURPOSE 120V, TAB 856	6.00	1	EA	6
09057650	SOCKET, P-B 27E122 TAB 836A & 856	2.05	2	EA	4
09065700	TAPS, ELECTRICAL PLASTIC	2.55	2	RL	5
09066900	TERMINAL, SPADE, 10-12 WIRE, #8 STUD	0.22	10	EA	1
09137100	TERM. LUG 1/16 CABLE-1/4 POST 2412	0.49	30	EA	15
09215100	33466 TERMINAL, RING TONGUE AMP	0.19	24	EA	5
09260350	TERMINAL, #16-14 #8 SPADE	0.06	35	EA	2
09261570	321527-1 TERMINAL, TEST	1.53	10	EA	15
09401140	ADAPTER, 4 INCH CARLON PLASTIC	2.24	2	EA	4
09409820	BUSHING, 4" PLASTIC, INSULATING	0.76	2	EA	2
09412460	CONDUIT, 3/8 INCH FLEX STEEL SEALT	0.36	1	LF	0
09424920	CONDUIT, 4", PVC, TYPE 40	1.34	70	LF	94
09433970	CONNECTOR, 3/8 INCH STRAIGHT BOX S	0.90	2	EA	2
09467930	LOCKWUT, 4 INCH, GALVANIZED	4.07	2	EA	8
09602970	LAMP, HALOGEN, 10V, 25W	3.80	7	EA	27
09844170	GROUND ROD, 5/8 INCH X 8 FEET	4.99	10	EA	50
09846750	GRND. ROD CORN. 4WAY ONE-SHOT.	4.64	10	EA	46
09908640	WIRE, #6 AWG 1 COND. COPPER, SOLID	0.12	250	LF	30
09912200	WIRE #6 AWG 2 COND 500' ROLL SHIELD	1.19	1000	LF	1190
09913200	WIRE, #6, 5 COND 500' ROLL SHIELD	2.03	250	LF	508
09915610	WIRE #6 AWG 1 COND COPPER, STRAN	0.36	175	LF	63
09930550	WIRE #10 AWG 1 COND COPPER, STRAN	0.14	900	LF	126
09932310	WIRE #10 AWG 1 COND COPPER, TWIST	0.31	170	LF	53
09946100	WIRE #14, 7 COND 500' ROLL SHIELD	1.03	250	LF	258
09960690	WIRE #16 AWG 1 COND COPPER, STRAN	0.08	500	LF	40
13060230	TOGGLE, SPRING WING 3/8	0.43	3	EA	1
13547870	SHEET METAL SCREW, #10 X 1 INCH	0.50	1	EX	1
13552450	SHEET METAL SCREW, #12 X 3/4"	1.77	2	EX	4
13553150	SHEET METAL SCREW #12 X 1"	2.97	1	EX	3
17061400	PADLOCK, SIGNAL, WITHOUT KEY, AMERIC	13.42	7	EA	91
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17"	3.17	1	EA	3
28033230	CARTON, 47 3/8"L X 39 1/2"W X 18"	8.99	1	EA	9
28041880	PALLET, 48 X 40 INCH 2/WAY	8.03	2	EA	16
35040010	PLASTER OF PARIS, DENTAL GRADE	1.03	25	LB	26

## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.

LOCATION: ROXANA, IL, WAGON WHEEL RD, PANA

DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 45804

A.W.O. NO: 42711

W.O. NO:

B.I. NO: 03EN10

STATE: IL

VAL SEC: 1121W

39340220	SIGN, HIGHWAY CROSSING	50.00	2 EA	100
52000450	SURGE PROTECTOR SP18-2A	109.97	2 EA	220
52001370	SURGE PROTECTOR SP20-2A TAB 5B5	68.08	1 EA	68
52003630	EXTENSION CORD - 12'	66.84	1 EA	67
52005690	BOND WIRE, 7 STRANDS	0.45	400 LF	180
52016830	WIRE DUCT, 2X3	8.42	15 EA	126
52016940	WIRE DUCT, 3X3	9.80	3 EA	29
52017510	WIRE DUCT COVER 2"X6"	1.84	15 EA	28
52017620	WIRE DUCT COVER 3"X6"	2.73	3 EA	8
52019530	ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	134.60	3 EA	404
52019560	EQUALIZER, H.D. TAB 5B3	8.98	9 EA	81
52021550	FOUNDATION, 4', STEEL, FOR FLSHR/GAT	195.85	2 EA	392
52025240	HOUSE, 6X6, SIGNAL XING	4266.01	1 EA	4267
52027350	CLIP BOARD - FOR SIGNAL PRINTS	7.20	1 EA	7
52027430	STEP BOX	14.53	1 EA	15
52027500	STROBE LIGHT, CLEAR LENS	24.16	1 EA	24
52028420	LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.81	10 EA	68
52029780	LIGHTNING ARR. HD TAB 5B2 W/O BASE	9.63	10 EA	96
52030810	LIGHTNING ARRESTOR COMM. STRIP	4.04	3 EA	12
52039210	RECTIFIER, 20BC, 12V. TAB 575	271.45	1 EA	271
52039390	RECTIFIER, 40BC, 12V. TAB 577	375.74	1 EA	376
52040400	RESISTOR, ADJ. 0.63 OHM TAB 91	24.13	4 EA	97
52040460	RESISTOR, ADJ. 5 OHM, TAB 90	12.75	1 EA	13
52042650	POST, MOUNTING, FOR SHUNT HOUSING	9.13	6 EA	55
52068650	TERMINAL, #6 - 5 WIRE - RING TYPE	0.13	20 EA	3
52070010	TERMINAL, #12-10 WIRE, RING TONGUE	0.08	300 EA	24
52071600	TERMINAL, #20-16 WIRE, RING TONGUE	0.06	150 EA	9
52072280	TERMINAL BLOCK, SIGNAL 2 POST BAK	2.23	34 EA	77
52072510	TERMINAL BLOCK, SIGNAL 3 POST TEST	6.12	3 EA	18
52072740	TERMINAL BLOCK, SIGNAL 12 POST 6	8.93	4 EA	36
52074550	TEST LINK, INSULATED ASSEMBLY TAB	0.66	24 EA	16
52077400	SEWER DIODE, 3.9 VOLT, 1.3 WATT	0.08	1 EA	0
52079550	WIRE TAG, PLASTIC - WHITE	0.12	100 EA	12
52079560	MARKING PEN (FOR WHITE TAG)	1.95	1 EA	2
52108120	LED FL/GATE ASSY. 2 WAY LIGHTS	6640.93	2 EA	13282
52109370	GATE ARM, ADJ. 16-32'	228.88	2 EA	458
52122140	HIGH WIND BRACKET 5' OR 4'	63.99	2 EA	128
52136470	SHEAR PIN, SK-1000-1	5.50	2 EA	11
52203400	DETECTOR, LIGHT OUT, LOD-1	450.67	1 EA	451
52205800	GCP111 NO ISLAND #81KH-00110-0B00	14113.15	1 EA	14113
52240000	IPI MODULE-GCP1000D2 #80211	1046.02	2 EA	2092
52246000	RESISTOR, 47,000 (47K) OHM .5 WATT	0.20	4 EA	1
52258980	NBS, TAB 640, 42775-8621	475.95	3 EA	1428
52262050	SJM. TRK. BURIAL ASSY 80074 TAB 605	73.04	1 EA	73
52263600	SURGE ARRESTOR, METER LOOP.	28.31	1 EA	28
52263690	SURGE PANEL - TAB 619	132.01	2 EA	264

FORM 30-1  
WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PAGE 06 MORE

RAILROAD: UPRR CO.  
LOCATION: BOLANA, IL, MACOM WHEEL RD, PANA  
DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 45804  
A.W.O. NO: 42711  
W.O. NO:  
B.I. NO: 038W19  
STATE: IL  
VAL SEC: 1121W

52264646 SURGE PANEL - TAB 618	198.02	1 EA	198
52264600 TRACK FILTER - TV 211	206.38	2 EA	413
52267000 TRANSMITTER MODULE-#80012-GCP	1726.57	2 EA	3453
52276050 CROSSING ANALYZER, HCA-1	1642.61	1 EA	1643
52726820 RELAY, FLASHER TAB 687	304.53	1 EA	305
52728800 RELAY, BILC. TAB 911 A62-310	270.34	1 EA	270
52745830 RELAY, NEUTRAL, B1 TAB 884 & 884A	224.84	2 EA	450
52752390 RELAY, B1GR. 3 SEC. TAB 893	413.41	1 EA	413
52773760 RELAY BRACKET, HOLDS 14 B1 RELAYS	203.99	1 EA	204
52776370 RELAY PLUGBOARD, GRS B1, TAB 900	32.23	5 EA	161
52777970 FLAG TERMINAL, FOR GRS, 14-10	0.79	100 EA	79
52778110 FLAG TERMINAL, FOR GRS, 20-16	0.75	100 EA	75
52779280 RELAY TEST TERM, GRS B1	6.71	5 EA	34
52842220 DIODE JEDEC NUMBER 1N4004	0.02	1 EA	0
52959000 POWER TAP MATERIAL	1000.00	1 EA	1000
53311490 EXTRACTOR FOR "B" TERMINALS P3-308	9.63	1 EA	10
53311510 TEST NUT WRENCH. GRS #P3-320	33.03	1 EA	33
53648010 INSULATING CAP & SHIELD ASSY.	2.02	10 EA	20
53903460 SPD 120/240IDPL SURGE PROTECTOR	249.19	1 EA	249
53954500 180429-000 BOOTLEG KIT	44.52	8 EA	356

TOTAL 54,808

DATE: 2004-11-11

ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK  
BY THE  
UNION PACIFIC RAILROAD

## DESCRIPTION OF WORK:

INSTALL 56 FT. OF CONCRETE CROSSING REPLACING 32 FT. OF TIMBER  
CROSSING AT WAGON WHEEL ROAD IN ROXANA, IL. M.P. 271.78  
SIGNAL PROJECT MANAGER: ROY JAMES 245-2932  
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:  
CITY OF ROXANA 100% RECOLLECTIBLE

PID: 42137 AWO: 06053 MP, SUBDIV: 271.78, PANA  
SERVICE UNIT: 04 CITY: ROXANA STATE: IL

DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
<b>ENGINEERING WORK</b>							
ENGINEERING			700		700		700
LABOR ADDITIVE 235%			1645		1645		1645
<b>TOTAL ENGINEERING</b>			<b>2345</b>		<b>2345</b>		<b>2345</b>
<b>SIGNAL WORK</b>							
LABOR ADDITIVE 235%			2727		2727		2727
MATL STORE EXPENSE				2	2		2
SALES TAX				1	1		1
SIGNAL			1160	48	1208		1208
<b>TOTAL SIGNAL</b>			<b>3887</b>	<b>51</b>	<b>3938</b>		<b>3938</b>
<b>TRACK &amp; SURFACE WORK</b>							
BALAST	1.00	CL	1082	595	1677		1677
BILL PREP				900	900		900
EQUIP RENTAL W/OPER				3000	3000		3000
FIELD WELD	32			32	32		32
FOREIGN LINE FREIGHT				275	275		275
HOME LINE FREIGHT				900	900		900
LABOR ADDITIVE 235%			25730		25730		25730
MATL STORE EXPENSE				391	391		391
OTM			712	423	1135		1135
RAIL	160.00	LF	965	2121	3086		3086
ROCKING	56.00	TF	4207	7595	11802		11802
SALES TAX				568	568		568
TRK-SURF, LIN			4695		4695		4695
WELD			1040	259	1299		1299
XTIE	45.00	EA	6018	3278	9296		9296
<b>TOTAL TRACK &amp; SURFACE</b>			<b>44481</b>	<b>20305</b>	<b>64786</b>		<b>64786</b>
<b>LABOR/MATERIAL EXPENSE</b>			<b>50713</b>	<b>20356</b>			
<b>RECOLLECTIBLE/UPRR EXPENSE</b>					<b>71069</b>	<b>0</b>	
<b>ESTIMATED PROJECT COST</b>							<b>71069</b>
<b>EXISTING REUSEABLE MATERIAL CREDIT</b>					<b>0</b>		
<b>SALVAGE NONUSEABLE MATERIAL CREDIT</b>					<b>0</b>		
<b>RECOLLECTIBLE LESS CREDITS</b>							

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.



## WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

RAILROAD: UPRR CO.

LOCATION: ROMANA, IL. WAGON WHEEL RD PANA SUB

DEPARTMENT: ENGINEERING SERVICES

PROJ NO: 42137

A.W.O. NO: 06053

W.O. NO:

D.I. NO: 01EN10

STATE: IL

VAL SEC: 1121H

## STOCK MATERIAL PLAN

ITEM NUMBER	ITEM DESCRIPTION	UNIT COST	QTY	UM	DIRECT MATL \$
09065700	TAPE, ELECTRICAL PLASTIC	2.63	1	RL	3
09135650	2363 J, SLEEVE, 4-6, REDUCING	0.48	10	EA	5
09136370	2367 J SLEEVE, SPLICING, 4-4	0.46	10	EA	5
09874890	STAPLE, COPPERWELD 3/8 X 1 3/4 X	0.16	12	EA	2
13054000	TIMBER SPIKE, TORXHEAD 3/4" X 12"	0.93	126	EA	117
50279990	XTIE 7"x9"x10' PREPLT FOR 6" RAIL	72.05	45	EA	3278
50361010	ECL2055 GALV RH E-CLIP PA	2.35	180	EA	423
52005690	DOND WIRE, 7 STRANDS	0.45	50	LF	23
52007040	WED WELD DOND WIRE TK. CIRC. CONH.	2.89	4	EA	12
54002000	ASPHALT, CROSSING FILL	30.00	42	TN	1260
54013010	XING, CONC. 133-141#RL(10W) .8'PANE	888.34	7	SY	6218
55113600	RAIL 136# SS BDE NEW	13.26	160	LF	2122
55255260	FIELD WELD KIT, 133# ONE SHOT	59.89	4	EA	240
55264570	PACKING SAND, PRE-MIXED (PER SACK	22.44	0	CA	18
55264930	REFRACTORY PASTE	1.83	1	EA	2
56207660	DALLAST, CLASS 1 "D"	6.27	95	TN	596
TOTAL					14,324
MATL STORE EXP					395
SALES TAX					572



Illinois Department  
of Transportation

Route  
Wagon Wheel Road

Municipality  
Village of Roxana

Road Dist./Twnshp.

County  
Madison

Section  
00-00013-00-RP

CONTRACT - PHASE I

1. Proposal of Keller Construction, Inc.

for the improvement of the above section by the construction of

A new 24' wide, 8" thick PCC pavement over a 4" sub-base of granular material with 6' wide full depth bituminous shoulders; intersection improvements; commercial and private easement culvert relocation, replacement, and installation; storm sewer inlets, and drainage improvements from the intersection of IL RTE 111 East to Station 65+60..

a total distance of 5548.00 feet/mile  
of which a distance of 5548.00 (feet/mile), (1.05 miles/kilometers) are to be improved

2. The plans for the proposed work are those prepared by Curry & Associates Engineers, Inc.  
P.O. Box 245, 243 East Elm Street, Nashville, IL 62263

and approved by the Department of Transportation  
on \_\_\_\_\_

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications" thereto adopted and in effect on date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Supplemental Specifications and Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within 60 working days or by \_\_\_\_\_, unless additional time is granted in accordance with the specifications.

6. Accompanying this proposal is either a bid bond on Department form BLR 5708 or a proposal guaranty check, comply with the specifications, made payable to the Village Treasurer of The Village of Roxana.  
The amount of the check is \_\_\_\_\_  
(\$ \_\_\_\_\_).

7. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the awarding authority.

8. Each pay item should have a unit price and a total price.
9. The unit price shall govern if no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity.
10. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
11. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
12. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction of authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid rotating.

**Attach Cashier's Check or Certified Check Here**

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposed guaranties which would be required for each individual proposal.

If the proposed guaranty check is placed in another proposal; state below where it may be found:

The proposed guaranty check will be found in the proposal for: Section No. 00-00013-00-RP

13. The undersigned submits herewith this schedule of prices covering the work to be performed under this contract

**PHASE I**

**SCHEDULE OF PRICES**

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total Cost
1	TREE REMOVAL (6 TO 15 INCHES DIAMETER)	EACH	4	25.00	100.00
2	TREE REMOVAL (OVER 15 INCHES DIAMETER)	EACH	4	35.00	140.00
3	EARTH EXCAVATION	CU. YD.	2,702	3.10	83,762.00
4	EMBANKMENT	CU. YD.	8,035	4.10	32,943.50
5	SEEDING, CLASS 2	ACRE	5.5	750.00	4,125.00
6	NITROGEN FERTILIZER NUTRIENT	POUND	493	2.00	986.00
7	PHOSPHORUS FERTILIZER NUTRIENT	POUND	493	2.00	986.00
8	POTASSIUM FERTILIZER NUTRIENT	POUND	493	2.00	986.00
9	MULCH, METHOD 2	ACRE	5.5	790.00	4,345.00
10	TEMPORARY DITCH CHECKS	EACH	45	125.00	5,625.00
11	INLET AND PIPE PROTECTION	EACH	5	100.00	500.00
12	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	SQ. YD.	24,021	3.55	85,274.55
13	AGGREGATE SURFACE COURSE, TYPE A, 6"	SQ. YD.	398	9.00	3,582.00
14	TEMPORARY RAMP	SQ. YD.	230	9.00	2,070.00
15	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	78	2.80	218.40
16	AGGREGATE (PRIME COAT)	TON	2	50.00	100.00
17	INCIDENTAL BITUMINOUS SURFACING	TON	337	64.00	21,568.00
18	PORTLAND CEMENT CONCRETE PAVEMENT, 6" (JOINTED)	SQ. YD.	15076	30.00	452,280.00
19	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ. YD.	1040	40.00	41,600.00
20	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ. YD.	89	14.50	1,290.50
21	BITUMINOUS SHOULDERS, 6"	SQ. YD.	6,871	17.50	119,242.50
22	PIPE CULVERT REMOVAL	FOOT	772	8.00	6,176.00
23	PIPE CULVERTS, TYPE 2, ROOF, 12"	FOOT	100	16.00	1,600.00
24	PIPE CULVERTS, TYPE 2, ROOF, 18"	FOOT	185	17.20	3,182.00
	Carried Forward				794,457.55



Agency Village of Roxana  
Section No. 00-00013-00-RP

Agency Village of Roxana  
Section No. 00-00013-00-RP

PHASE J.

[illegible]

Bidder's Proposal for making Entire Improvements 845,445 59

14. The undersigned further agrees that if awarded to contract for the sections contained in the following combir he will perform the work in accordance with the requirements of each individual proposal for the multiple bid specified in the schedule below.

### Schedule of Multiple Bids

Combination Letter	Sections Included in Combination	Total

5707 (Rev. 1/84)

CONTRACT

PHASE III

Route	Wagon Wheel Road (Phase III)
Municipality	Village of Roxana
Road Dist./Twnshp	Village of Roxana
County	Madison
Section	00-00013-01-RP

Proposal of Keller Construction, Inc.

or the improvement of the above section by the construction of

1 new 24' wide, 8" thick PCC pavement over a 4" sub-base of granular material

with 6' wide full depth bituminous shoulders; intersection improvements,  
private and field entrances, and drainage improvements.

a total distance of 2617.92 , of which a  
distance of 2617.92 ( 0.50 ) are to be improved.  
Feet Miles

2. The plans for the proposed work are those prepared by Curry & Associates Engineers, Inc., P.O. Box 246,  
43 E. Elm St., Nashville, IL 62263 and approved by the Department of Transportation on  
Madison County Highway Department

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as  
"Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications" there to, adopted  
and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check  
Sheet for Supplemental Specifications and Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within 38 working days or by \_\_\_\_\_  
unless additional time is granted in accordance with the specifications.

6. Accompanying this proposal is either a bid bond on Department form BLR 5708 or a proposal guaranty check,  
complying with the specifications, made payable to Village  
Treasurer of Village of Roxana

The amount of the check is (5% of Bid)

( \$ \_\_\_\_\_ )

7. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby  
agreed that the Bid Bond or check shall be forfeited to the awarding authority.

8. Each pay item should have a unit price and a total price.

9. The unit price shall govern if no total price is shown or if there is a discrepancy between the product of the unit price  
multiplied by the quantity.

10. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
11. A bid will be declared unacceptable if neither a unit price nor a total price is shown.
12. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction of authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid rotating.

**Attach Cashier's Check or Certified Check Here**

In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposed guaranties which would be required for each individual proposal.

If the proposed guaranty check is placed in another proposal; state below where it may be found:

The proposed guaranty check will be found in the proposal for: Section No. 00-00013-01-RP

13. The undersigned submits herewith this schedule of prices covering the work to be performed under this contract:

**PHASE III**

**SCHEDULE OF PRICES**

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total Cost
1	TREE REMOVAL ( 6 TO 15 INCHES DIAMETER)	EACH	1	30.00	30.00
2	TREE REMOVAL ( OVER 15 INCHES DIAMETER)	EACH	4	50.00	200.00
3	EARTH EXCAVATION	CU. YD.	1,562	3.80	6091.80
4	GRADING AND SHAPING DITCHES	FOOT	3,710	2.50	9,275.00
5	EMBANKMENT	CU. YD.	5,370	4.10	22,017.00
6	SEEDING, CLASS 2	ACRE	3.42	750.00	2,565.00
7	NITROGEN FERTILIZER NUTRIENT	POUND	307.80	2.00	615.60
8	PHOSPHORUS FERTILIZER NUTRIENT	POUND	307.80	2.00	615.60
9	POTASSIUM FERTILIZER NUTRIENT	POUND	307.80	2.00	615.60
10	MULCH, METHOD 2	ACRE	3.42	790.00	2,701.80
11	TEMPORARY DITCH CHECKS	EACH	45	125.00	5,625.00
12	STONE RIP RAP, CLASS A1	SQ. YD.	33.3	45.00	1,498.50
13	SUBBASE GRANULAR MATERIAL, TYPE A, 4"	SQ. YD.	10,766	3.55	38,219.30
14	AGGREGATE SURFACE COURSE, TYPE A, 8"	SQ. YD.	167	11.00	1,837.00
15	BITUMINOUS CONCRETE BINDER COURSE, MIX B, TYPE 2	TON	11	78.25	860.75
16	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3.3	5.40	18.78
17	AGGREGATE (PRIME COAT)	TON	0.09	500.00	45.00
18	PORTLAND CEMENT CONCRETE PAVEMENT, 8" (PORTED)	SQ. YD.	7,435	30.00	223,050.00
19	PAVEMENT FABRIC	SQ. YD.	144	4.00	576.00
20	BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)	SQ. YD.	150	10.25	1,537.50
21	BITUMINOUS SHOULDERS, 8"	SQ. YD.	3,287	18.15	59,659.05
22	PORTLAND CEMENT CONCRETE SHOULDERS, 8"	SQ. YD.	118	34.00	4,012.00
23	SLOPE WALL REMOVAL	SQ. YD.	250	4.00	1,000.00
24	PIPE CULVERT REMOVAL	FOOT	23	6.50	149.50
Page Total (To Be Carried Forward)					382,892.20

BLR 5705 (Rev. 7/01)



PHASE III

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total Cost
	Carried Forward				382,892.98
25	SLOPE WALL, SPECIAL	SQ. YD.	60	40.00	2,400.00
26	PIPE CULVERTS, TYPE 1, CORRUGATED STEEL OR ALUMINUM CULVERT PIPE, 12"	FOOT	105	11.20	1,176.00
27	PIPE CULVERTS, TYPE 2, ROCP, 12"	FOOT	130	16.00	2,080.00
28	PIPE CULVERTS, TYPE 2, ROCP, 21"	FOOT	45	22.45	1,001.25
29	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 15"	EACH	1	350.00	350.00
30	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 12"	FOOT	60	13.80	828.00
31	STORM SEWERS, TYPE 1, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS IV 15"	FOOT	45	17.20	774.00
32	INLETS, TYPE A, TYPE B GRATE (24" DEPTH)	EACH	2	520.00	1,040.00
33	VALVE BOX FRAMES TO BE ADJUSTED	EACH	1	100.00	100.00
34	GUTTER OUTLET	EACH	2	750.00	1,500.00
35	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-624	EACH	262	2.40	628.80
36	CLASS SI CONCRETE (OUTLET)	CU. YD.	25	380.00	9,500.00
37	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L. SUM	1	7,500.00	7,500.00
38	SIGN PANEL, TYPE 1	SQ. FT.	152.11	22.00	3,346.42
39	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	50.00	50.00
40	WOOD SIGN SUPPORT	FOOT	228	12.00	2,736.00
41	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	122	3.15	384.30
42	PAINT PAVEMENT MARKING - LINE 4"	FOOT	9,353	.18	1,683.54
43	PAINT PAVEMENT MARKING - LINE 24"	FOOT	94	1.00	94.00
44	OC/QA BITUMINOUS	TON	1503.32	0.02	30.07
45	BITUMINOUS DRIVEWAY PAVEMENT, 8"	SQ. YD.	27	61.80	1,668.60
Bidder's Proposal for making Entire Improvements					427,401.56

14. The undersigned further agrees that if awarded to contract for the sections contained in the following combinations, he will perform the work in accordance with the requirements of each individual proposal for the multiple bid specified in the schedule below.

Schedule of Multiple Bids

Combination Letter	Sections Included in Combination	Total

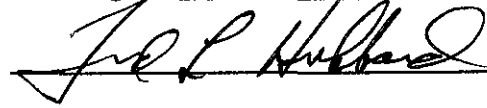
Exhibit D

ILLINOIS COMMERCE COMMISSION  
STIPULATED AGREEMENT

Date May 3, 2005 Agreement # 1028

The Village Council  
(Board or Council of City, County, etc.)

meeting on May 2, 2005 Resolved to authorize

 Village President  
(Name, Office)

to act as its designated agent in the processing of this Stipulated Agreement and that  
the Village of Roxana  
(Township, City or County)

is financially willing and able to bear the costs for the proposed improvements as may  
be assigned to it according to the terms of this Agreement.